

FIG. 1

DSC (bottom) and TGA (top) of Rubitecan Form A.

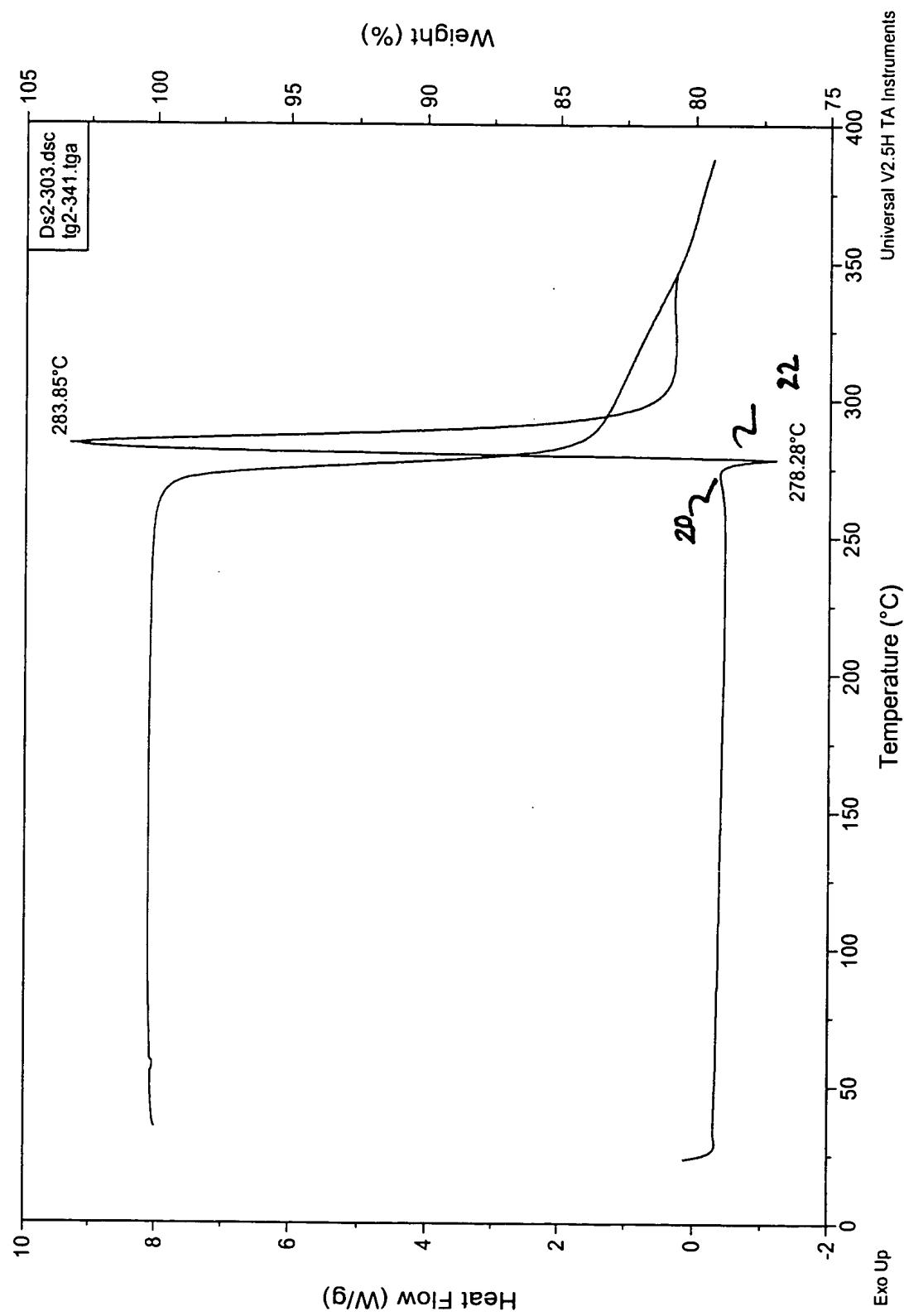


FIG. 2

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:06:50 2000  
Number of sample scans: 128  
Number of background scans: 128  
Resolution: 2.000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 69.00

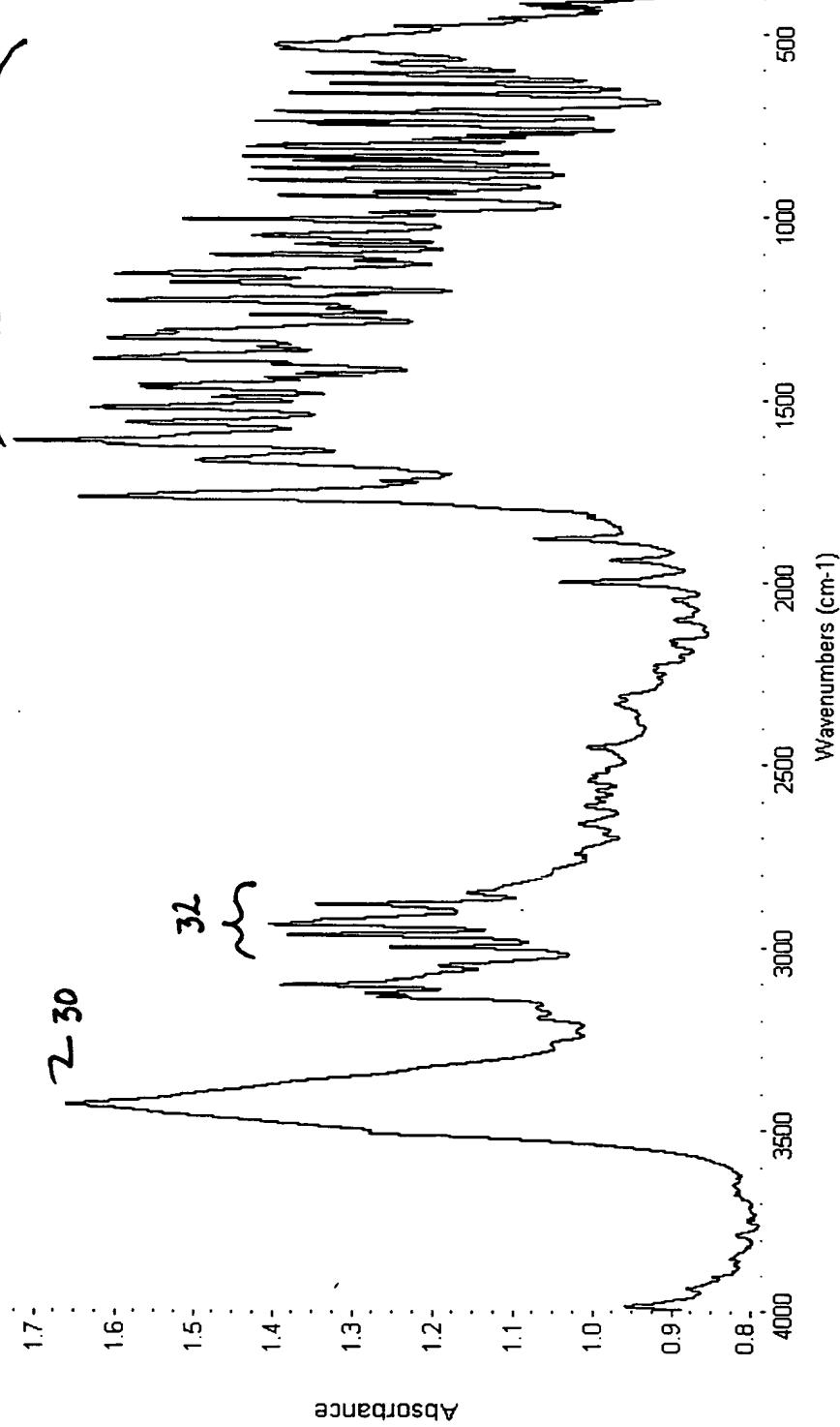


FIG. 3

### Raman Spectrum, Nic. let m. del 860 FT-Raman

#### Acquisition Parameters

Collection time: Sat Feb 26 20:43:15 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 32.0  
Mirror velocity: 0.3165  
Aperture: 59.00

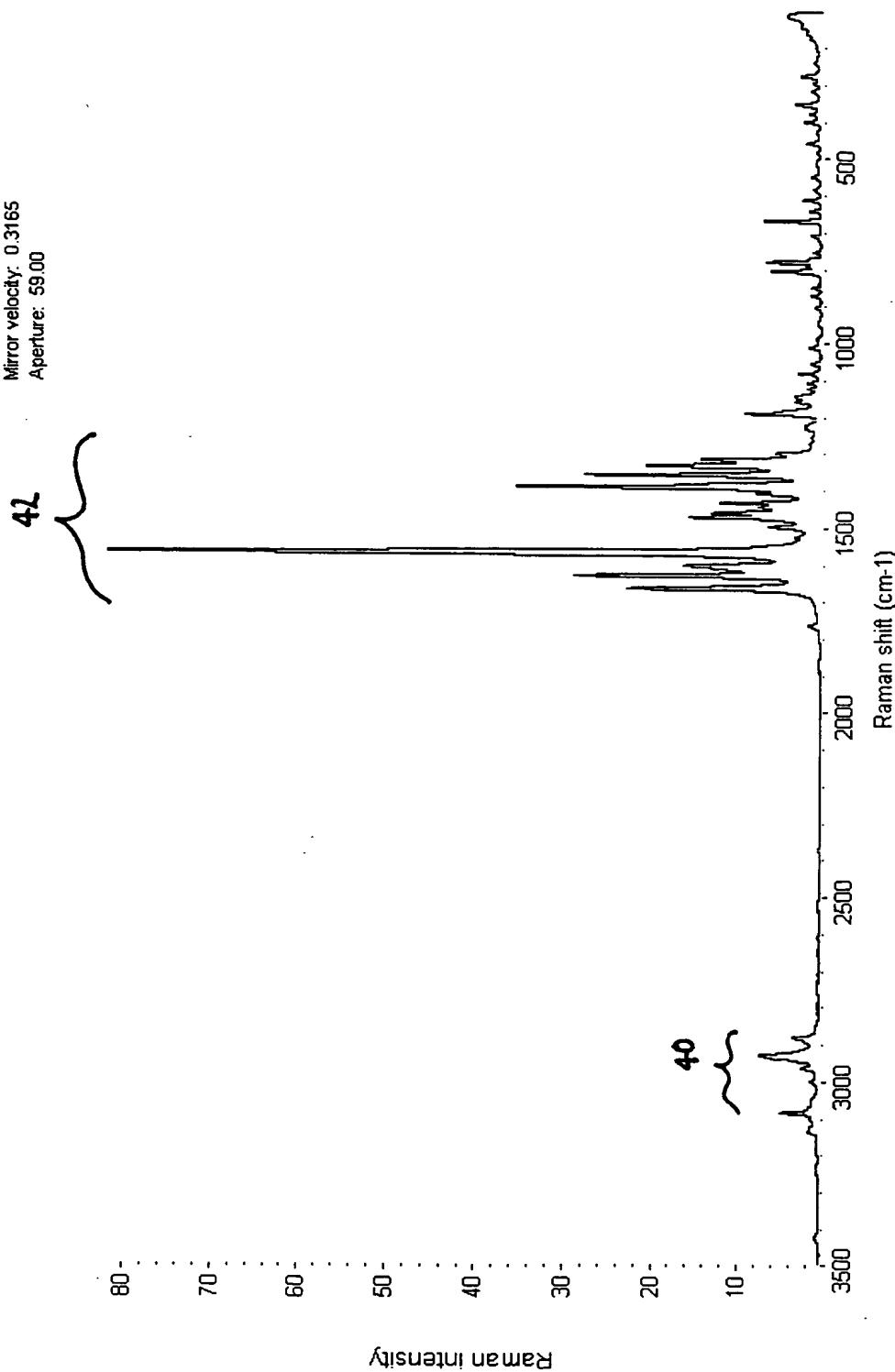


FIG. 4

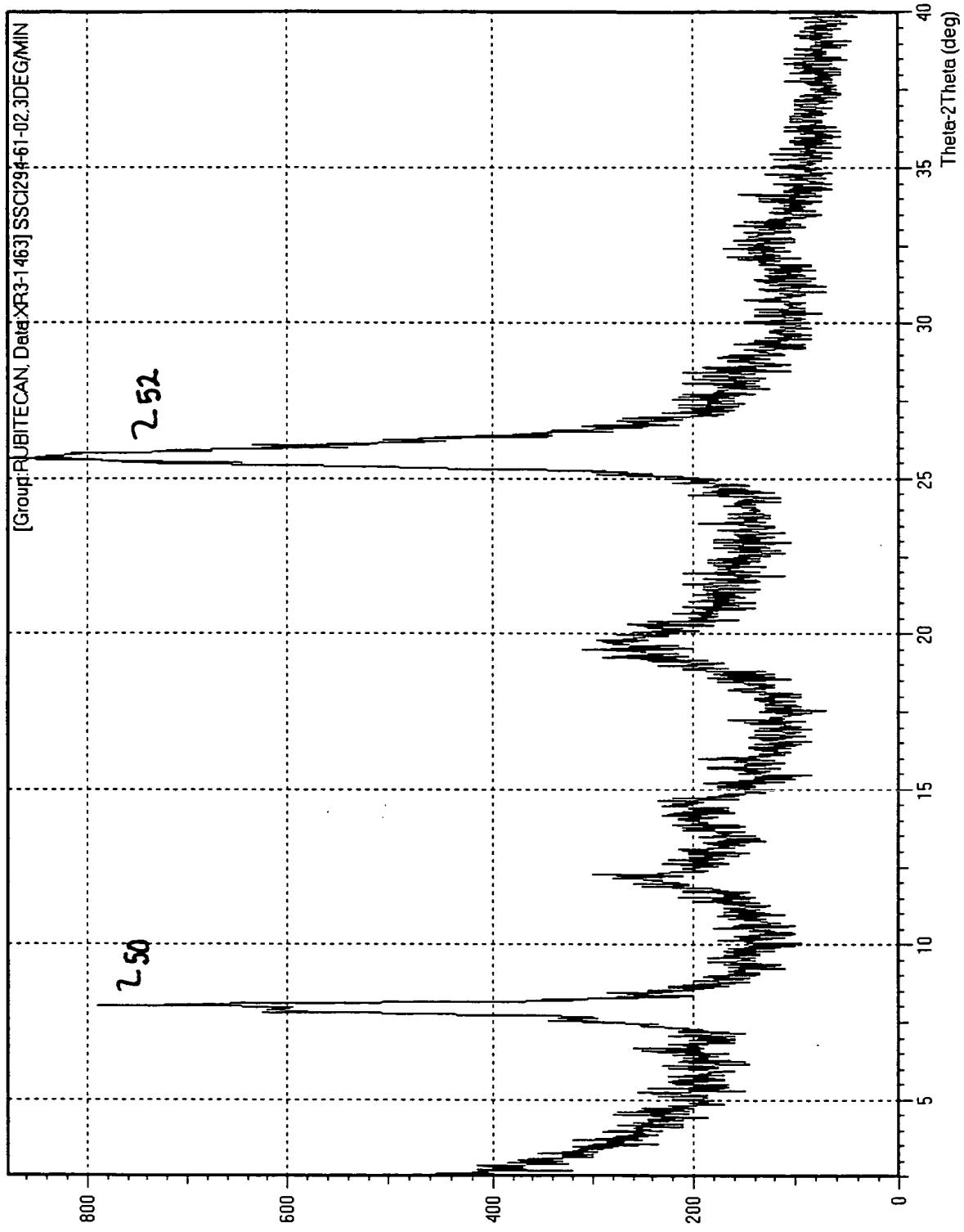


FIG. 5  
FIG. 6

DSC (bottom) and TGA (top) of Rubitecan Form B.

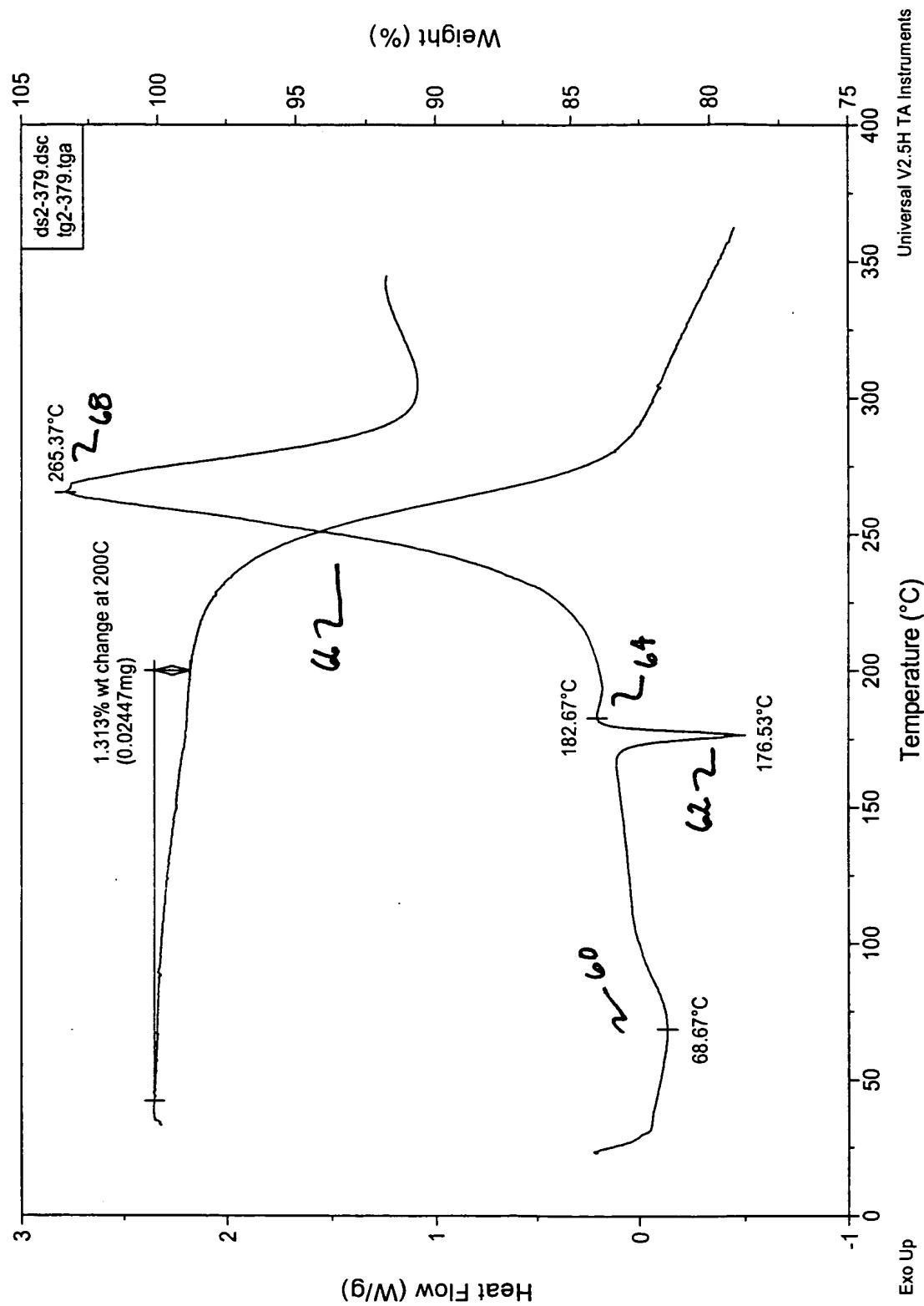


FIG. 6

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:31:51 2000  
Number of sample scans: 128  
Number of background scans: 128  
Resolution: 2.000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 69.00

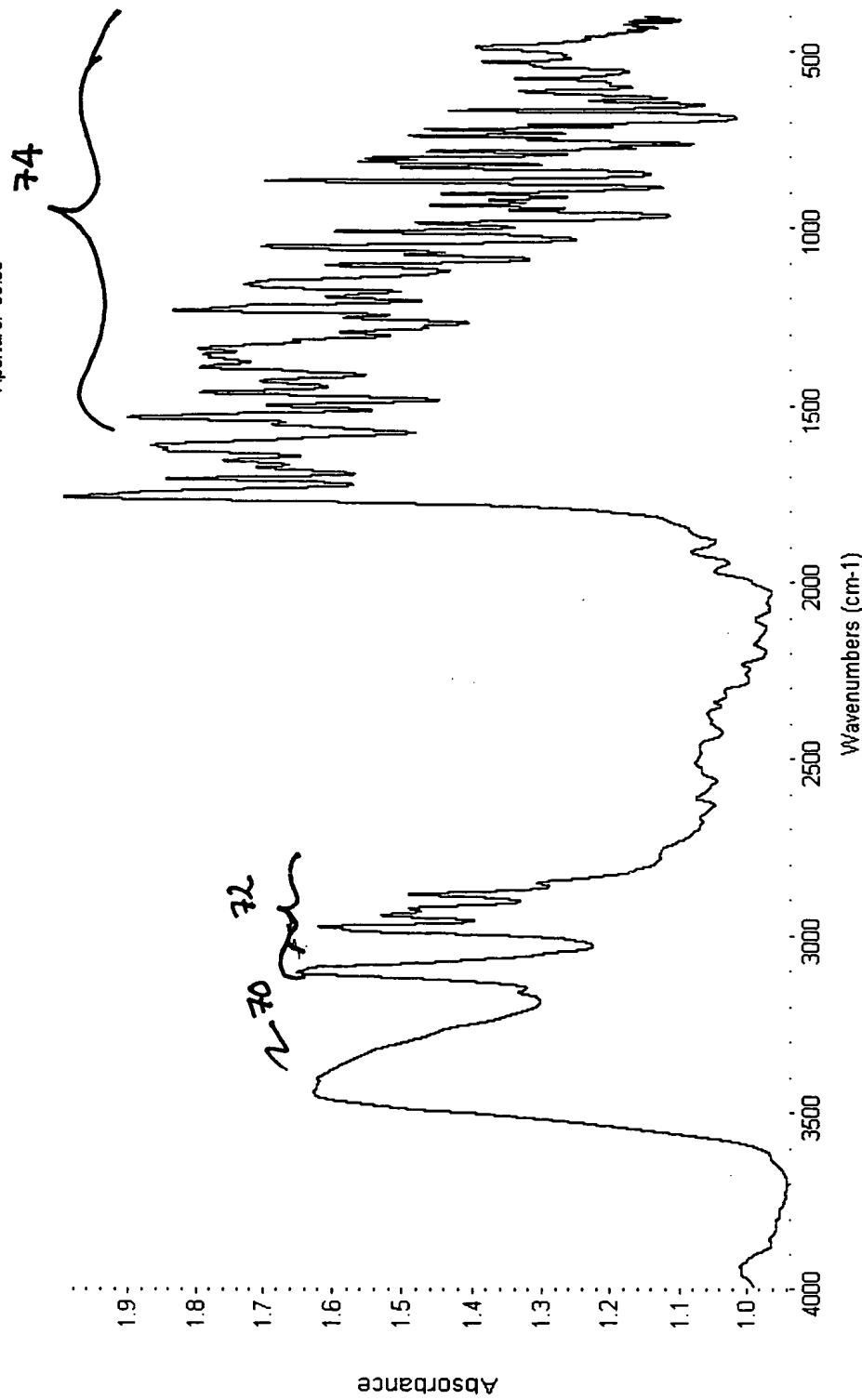


FIG.

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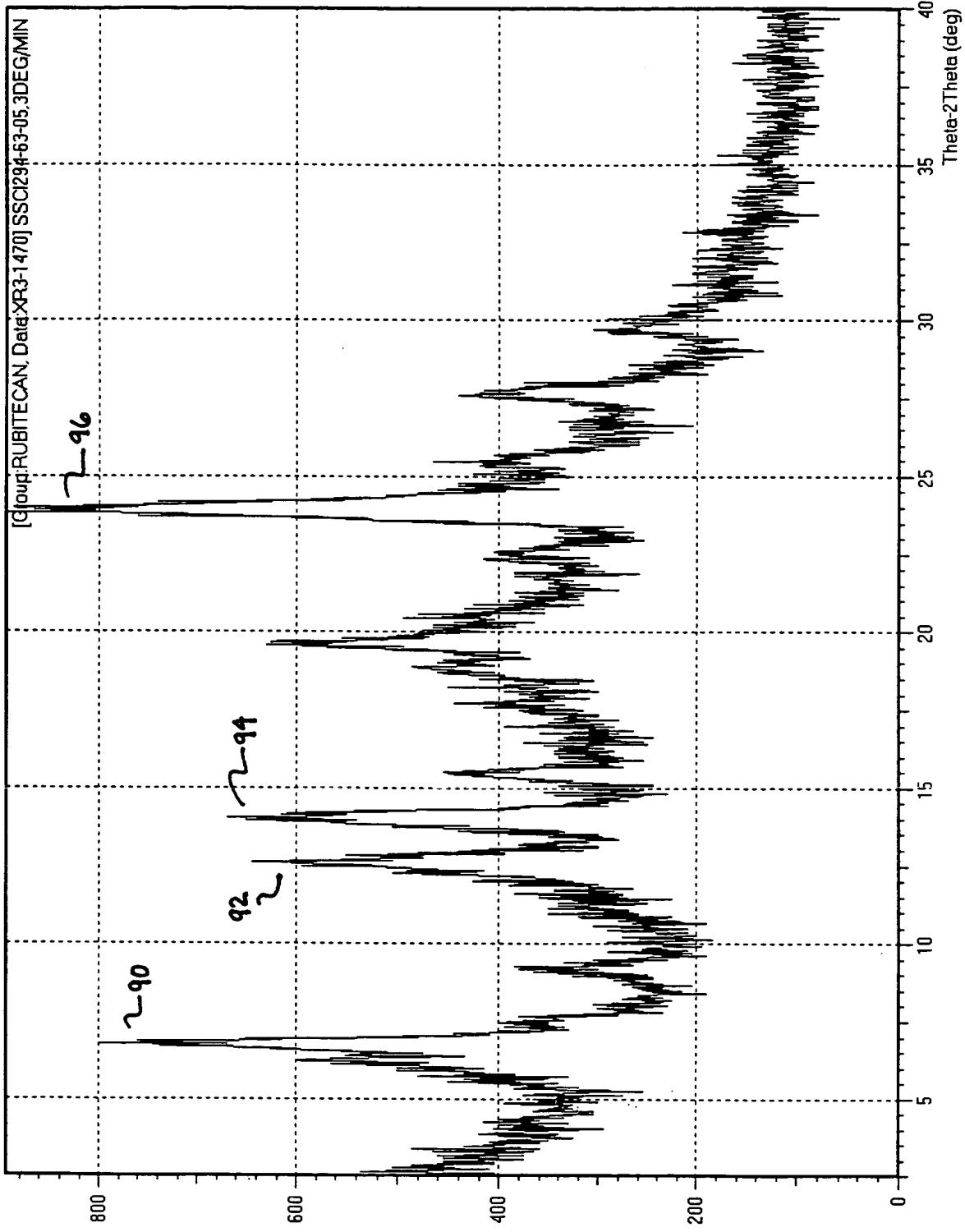


FIG. 9

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 21:08:40 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 64.0  
Mirror velocity: 0.3165  
Aperture: 59.00

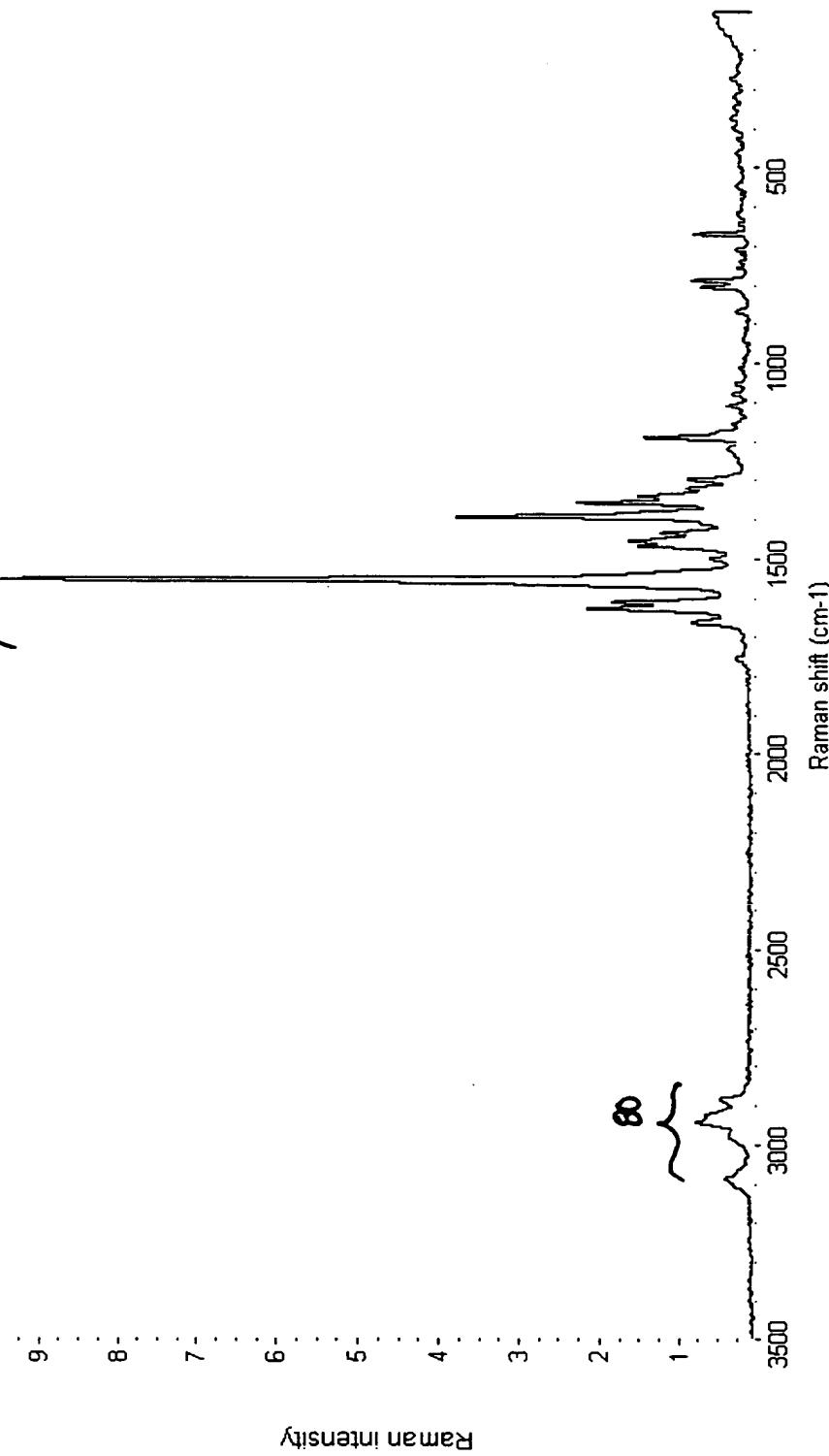


FIG.

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DSC (bottom) and TGA (top) of Rubitecan Form C.

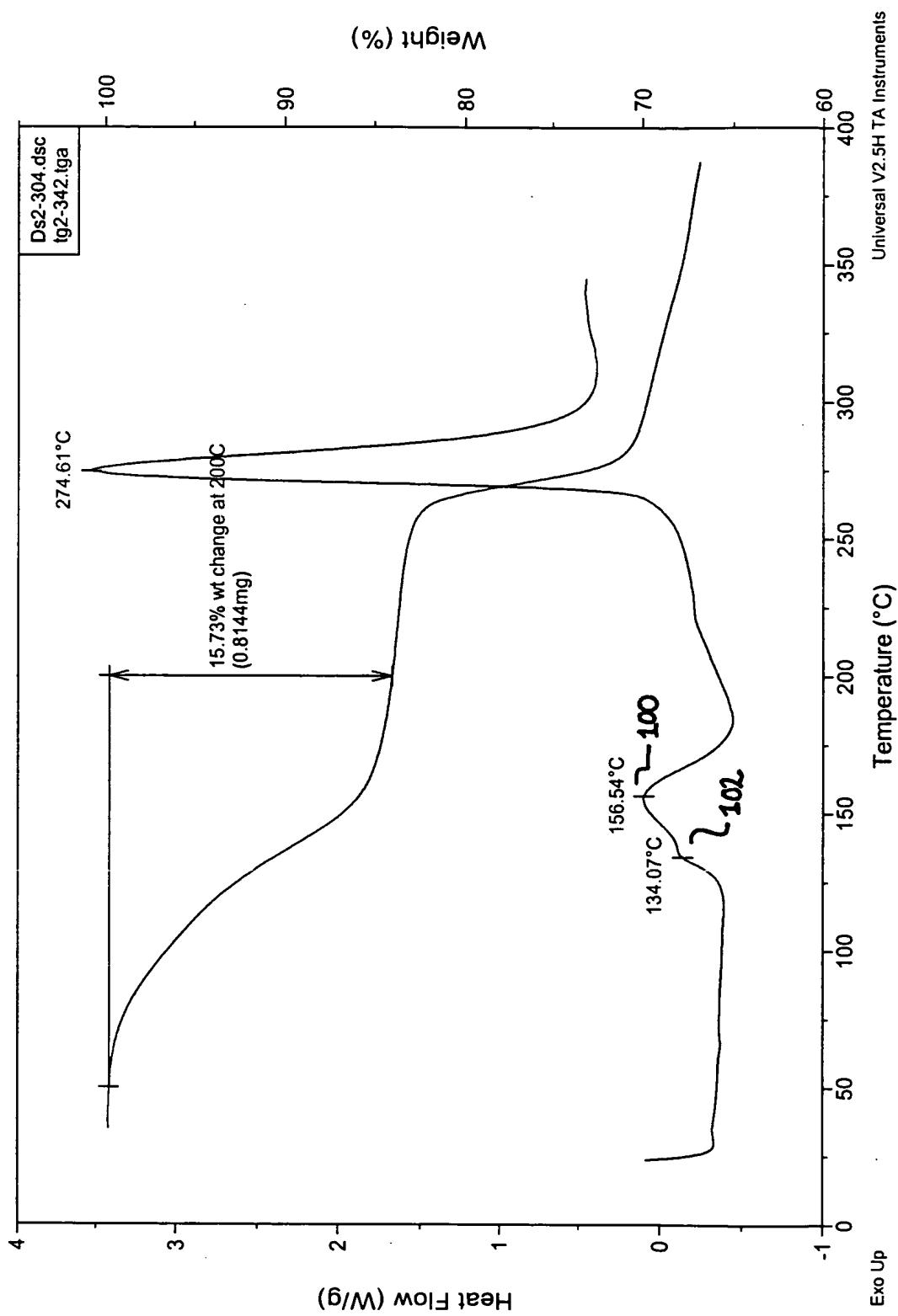


FIG. 10

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:40:03 2000  
Number of sample scans: 128  
Number of background scans: 128  
Resolution: 2.000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 69.00

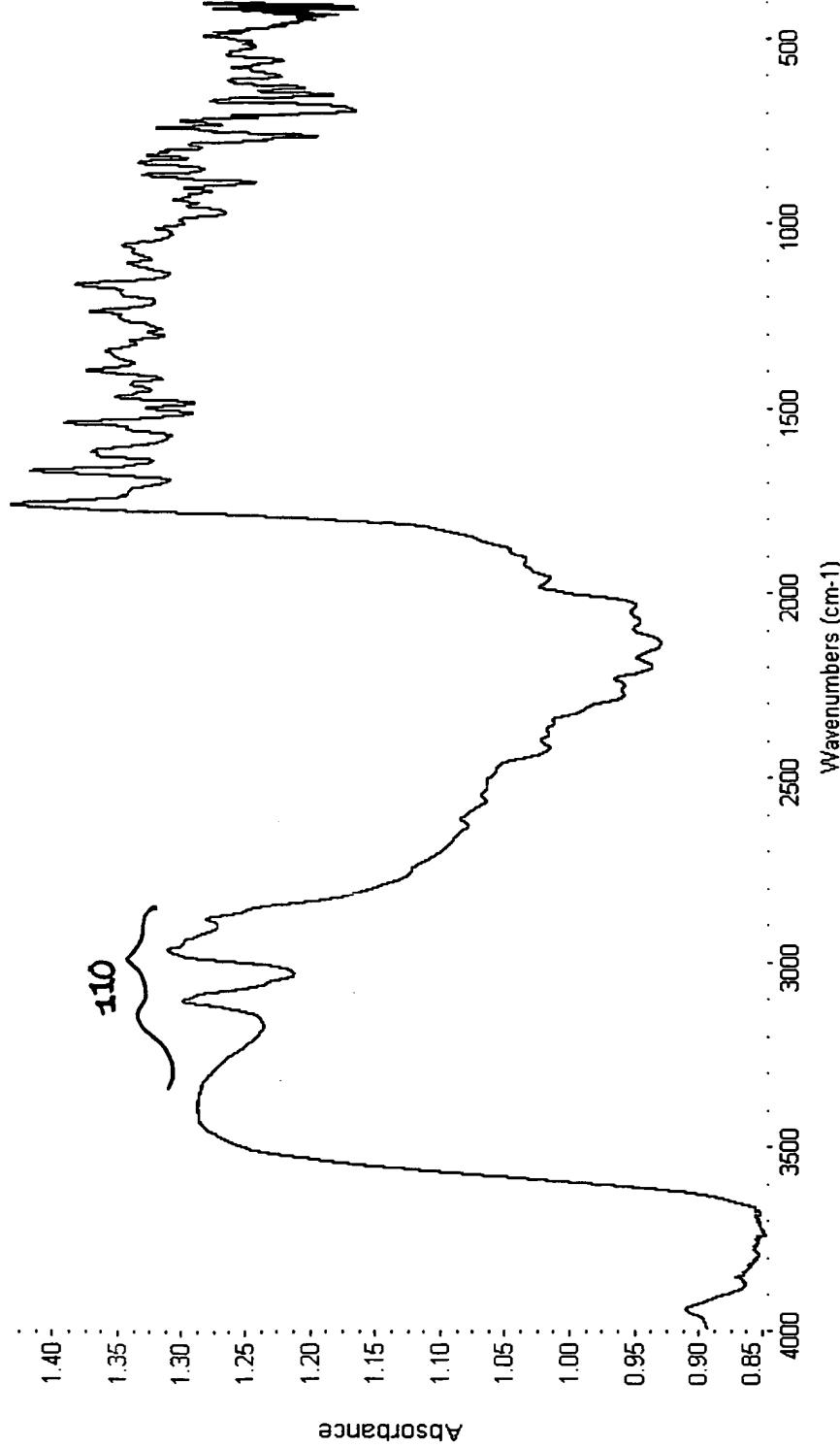


FIG. 11

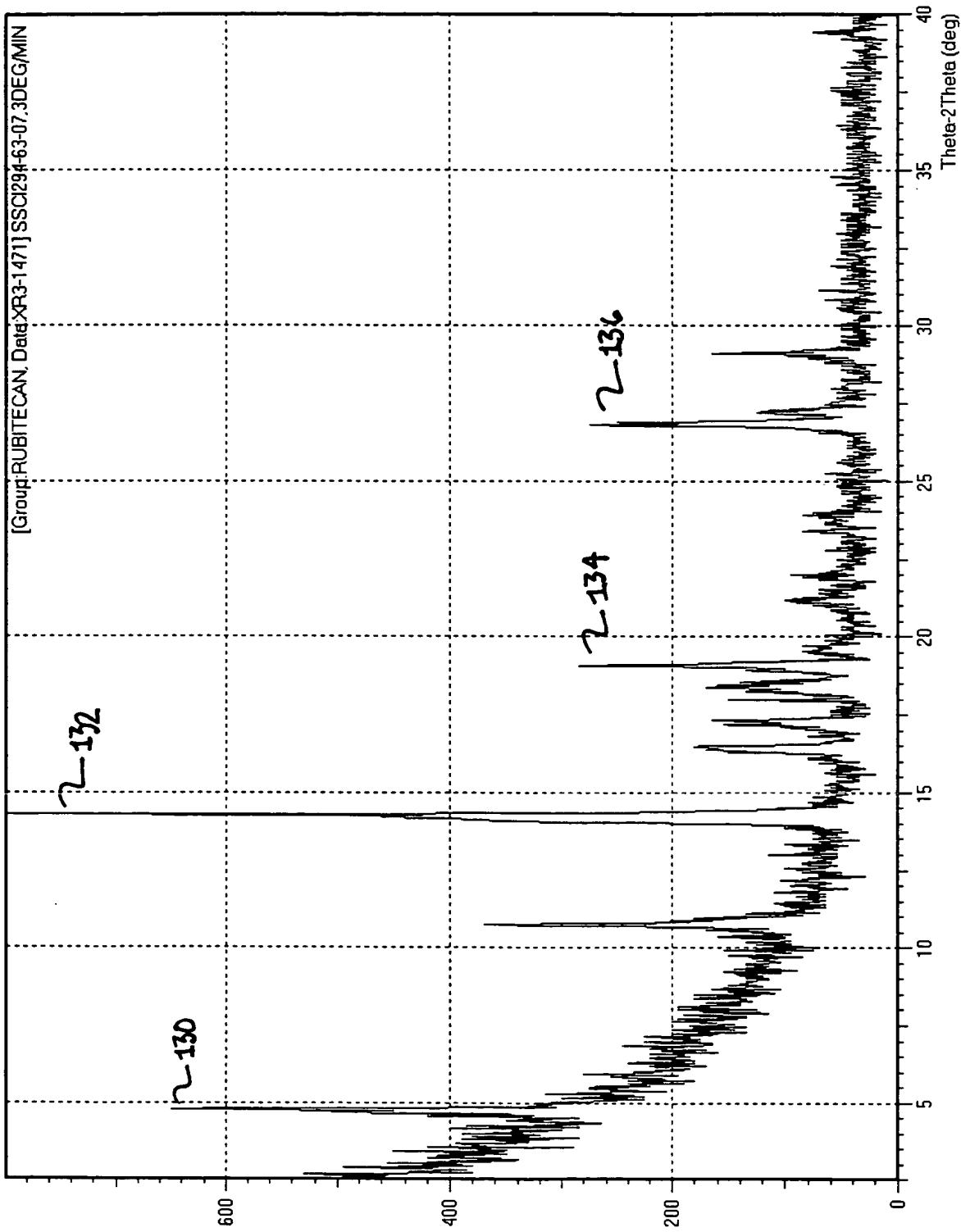


FIG. 13

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 21:02:29 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 64.0  
Mirror velocity: 0.3165  
Aperture: 59.00

122

22

20

18

16

14

12

10

8

6

4

2

Raman intensity

120

3500

3000

2500

2000

1500

1000

500

Raman shift (cm<sup>-1</sup>)

FIG. 12

DSC (bottom) and TGA (top) of Rubitecan Form D.

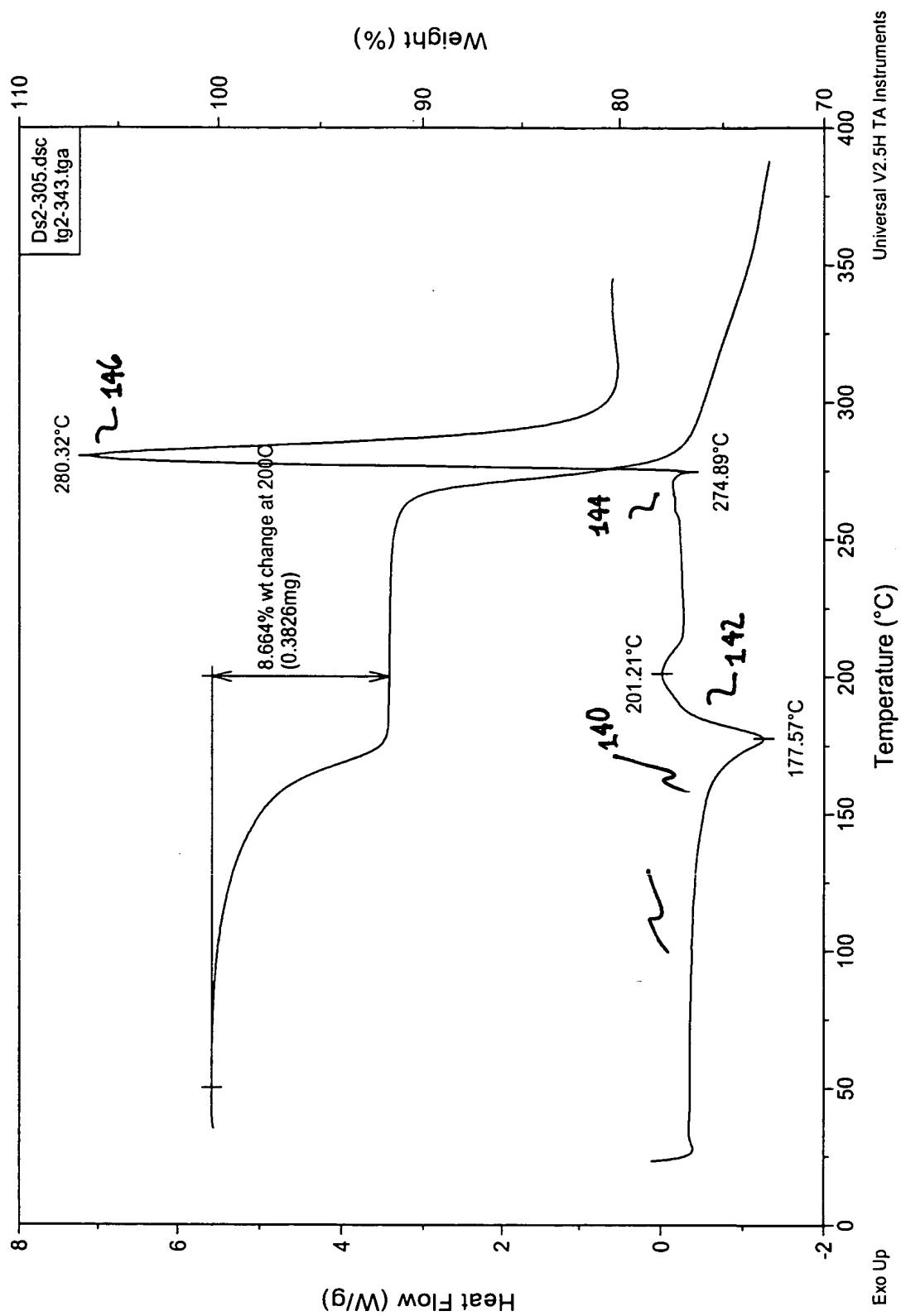


FIG. 14

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:22:39 2000  
Number of sample scans: 128  
Number of background scans: 128  
Resolution: 2.000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 69.00

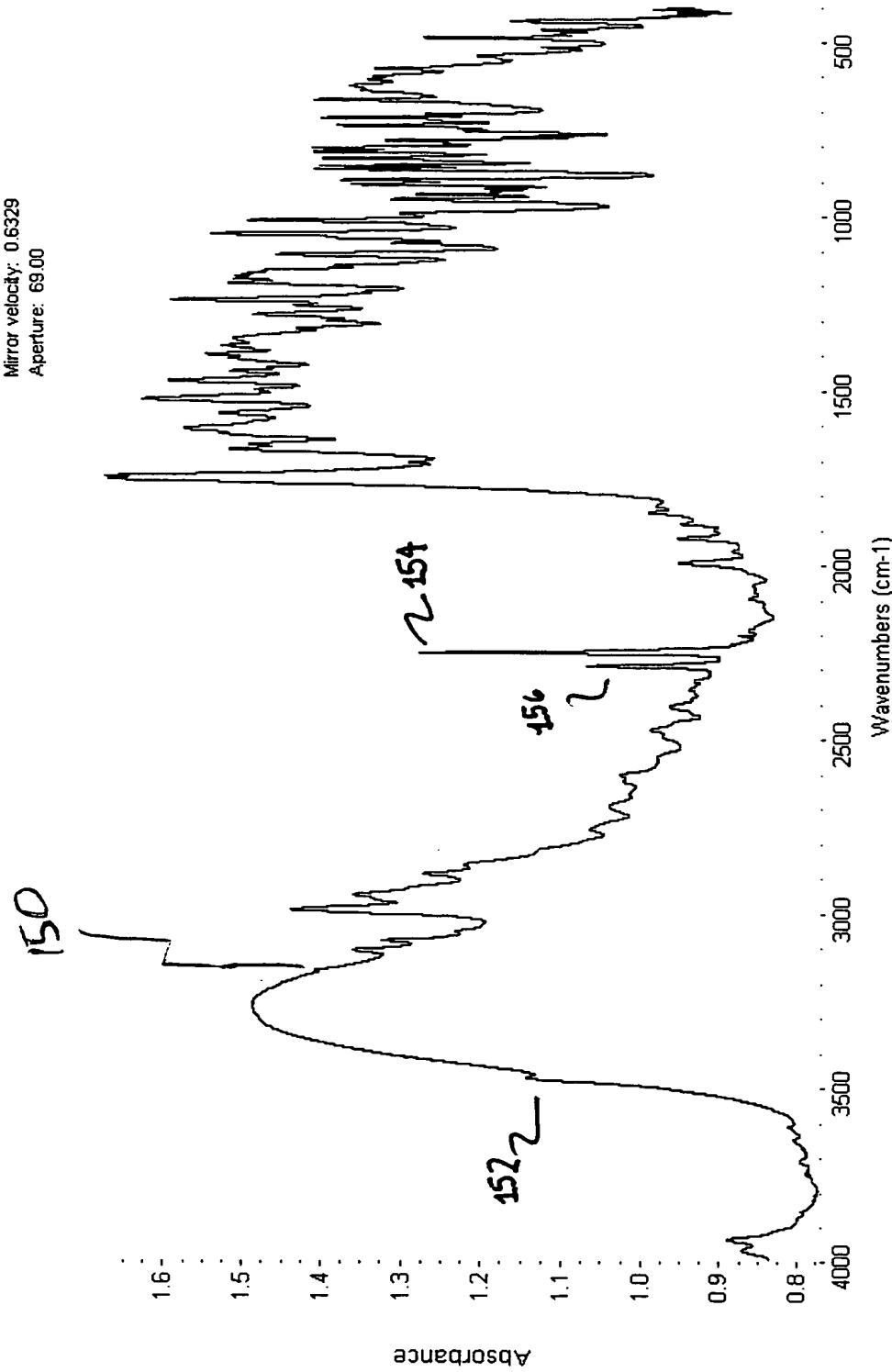


FIG. 15

Raman Spectrum, Nicolet model 860 FT-Raman

Acquisition Parameters

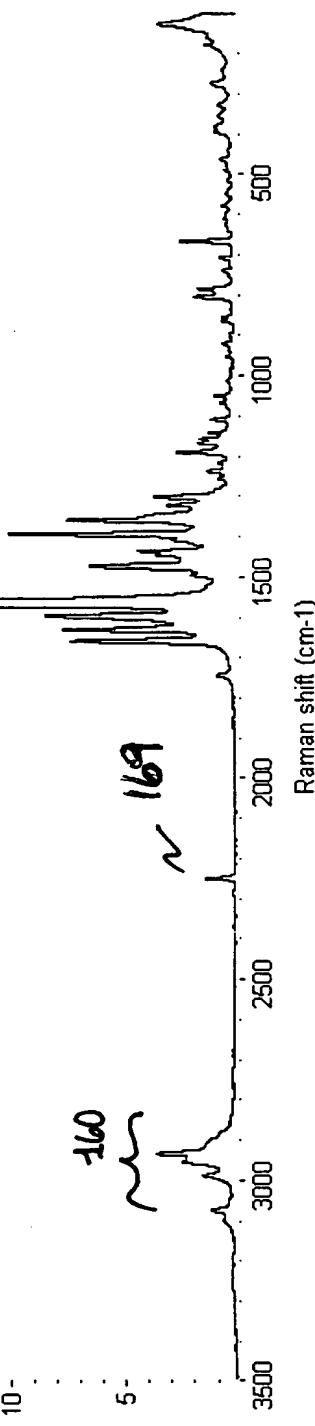
Collection time: Sat Feb 26 20:49:39 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 64.0  
Mirror velocity: 0.3165  
Aperture: 59.00

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30  
25  
20  
15  
10  
5

Raman intensity



FT 16  
16.

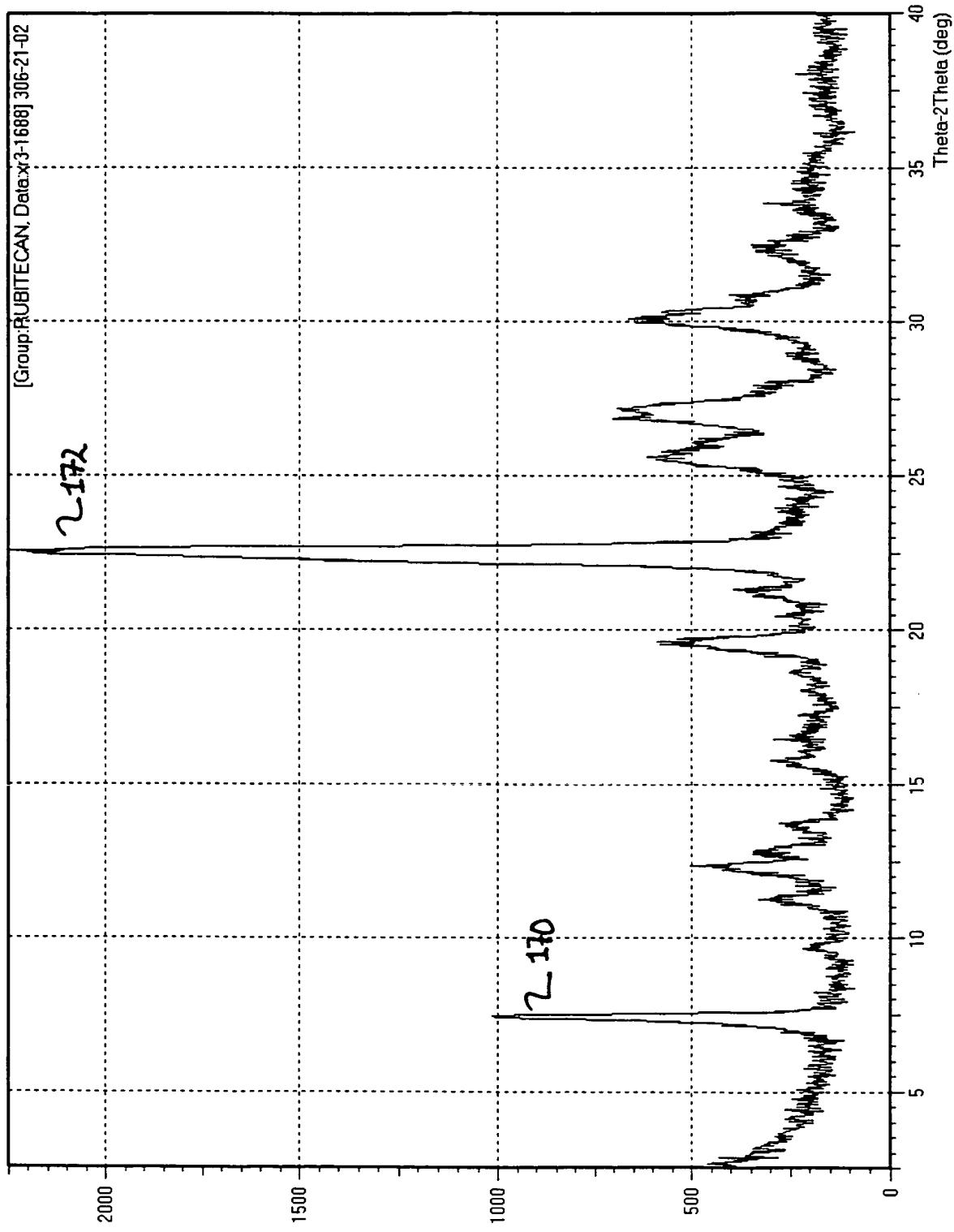


FIG. 17

DSC (bottom) and TGA (top) of Rubitecan Form E.

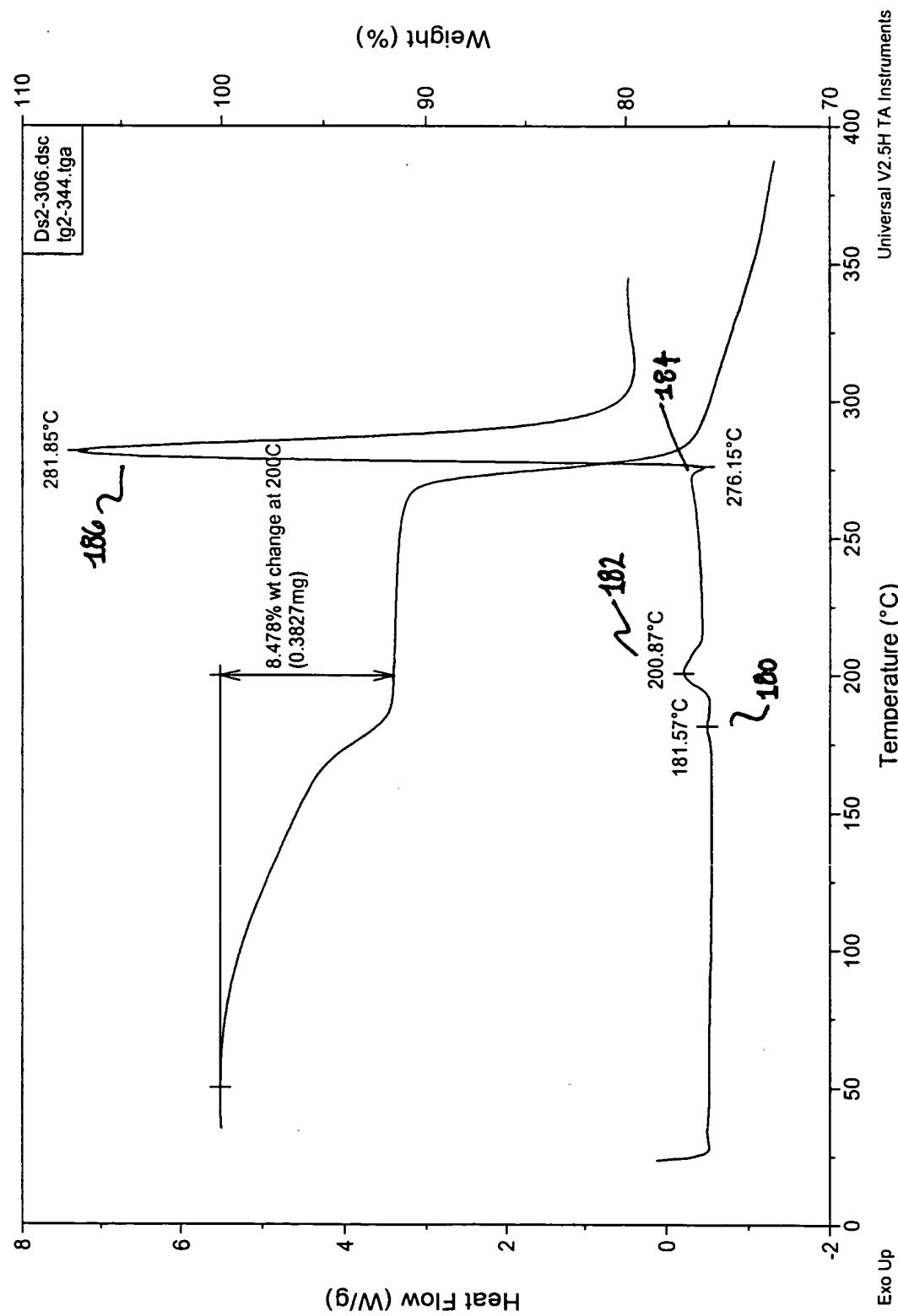


FIG. 18

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Sat Feb 26 18:14:49 2000  
Number of sample scans: 128  
Number of background scans: 128  
Resolution: 2.0000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 69.00

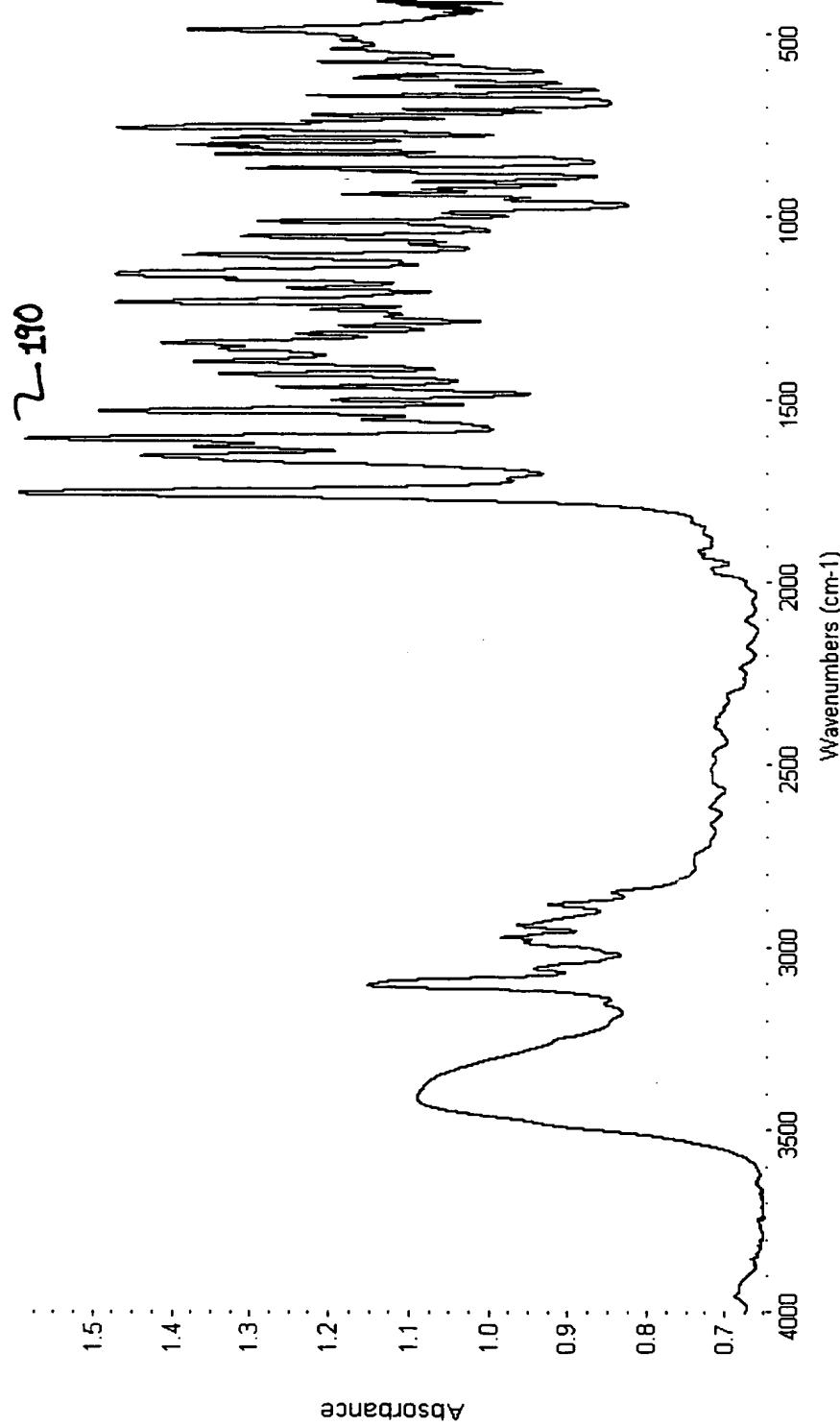


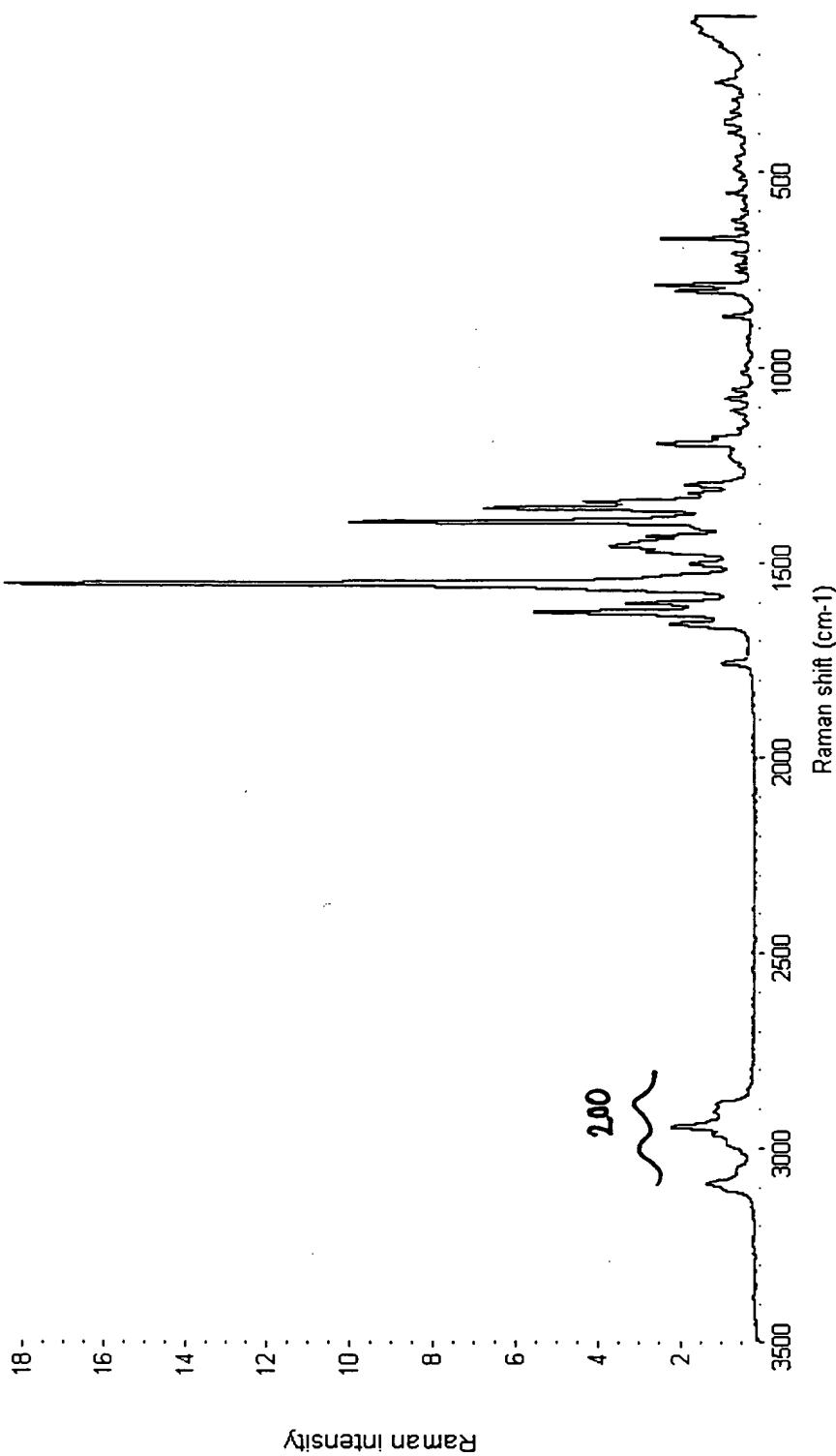
FIG. 19

Raman Spectrum, Nicolet™ model 860 FT-Raman

Acquisition Parameters

Collection time: Sat Feb 26 20:55:54 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 64.0  
Mirror velocity: 0.3165  
Aperture: 59.00

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FT-R. 20

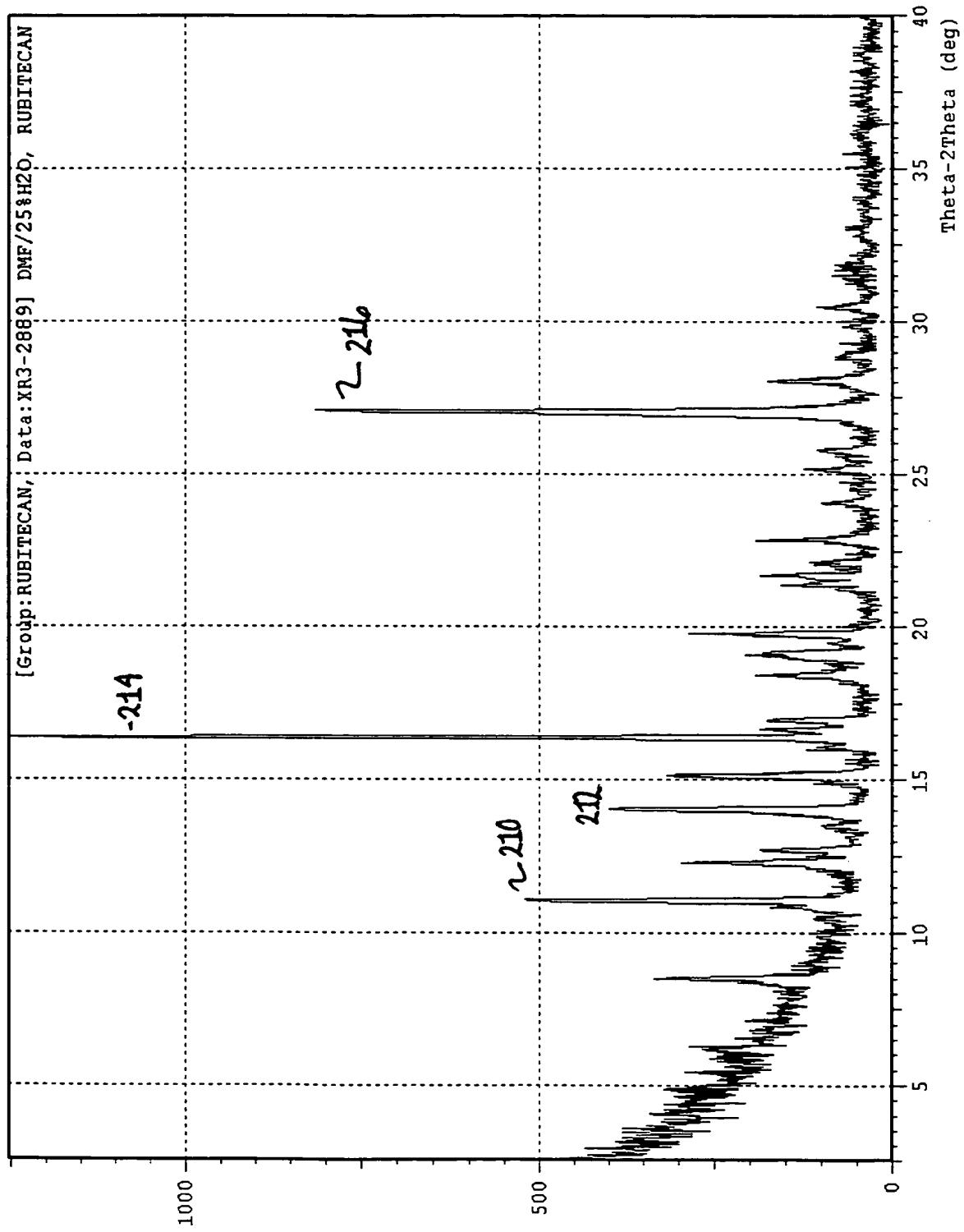


FIG. 21

□ TGA of Rubitecan Form F.

Sample: RUBITECAN  
Size: 0.6500 mg  
Method: RUBITECAN  
Comment: SSCI# 3131902, DMF/25%H2O, A VSC, NTBK 270-62

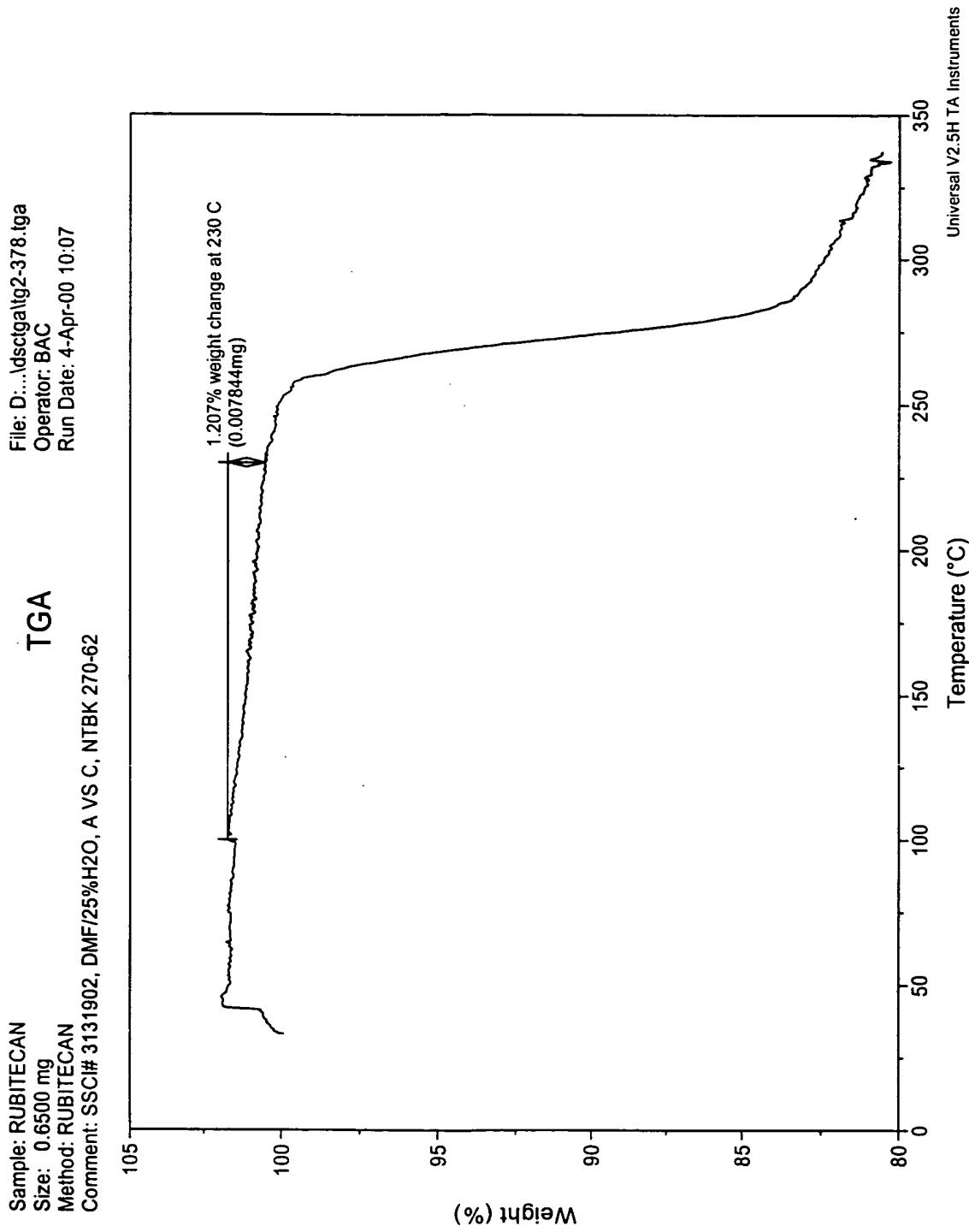


FIG. 22

*IR Spectrum, Nicolet model 860 FT-IR*

**Acquisition Parameters**

Collection time: Thu May 11 12:56:27 2000  
Number of sample scans: 256  
Number of background scans: 256  
Resolution: 4.000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 100.00

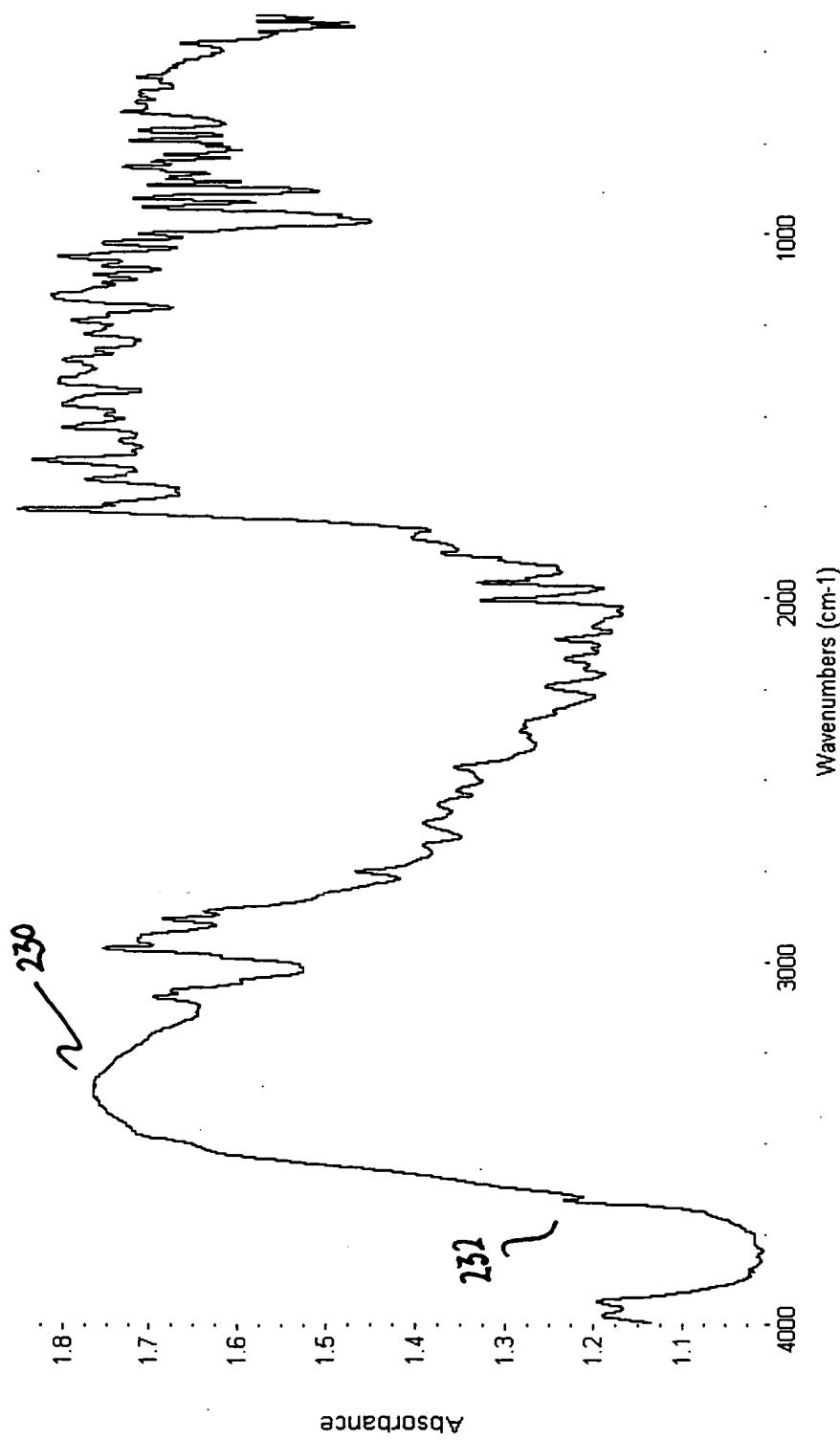


FIG. 23

Raman Spectrum, Nicolet m d 1860 FT-Raman

Acquisition Parameters

Collection time: Thu May 11 13:32:48 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 32.0  
Mirror velocity: 0.3165  
Aperture: 59.00

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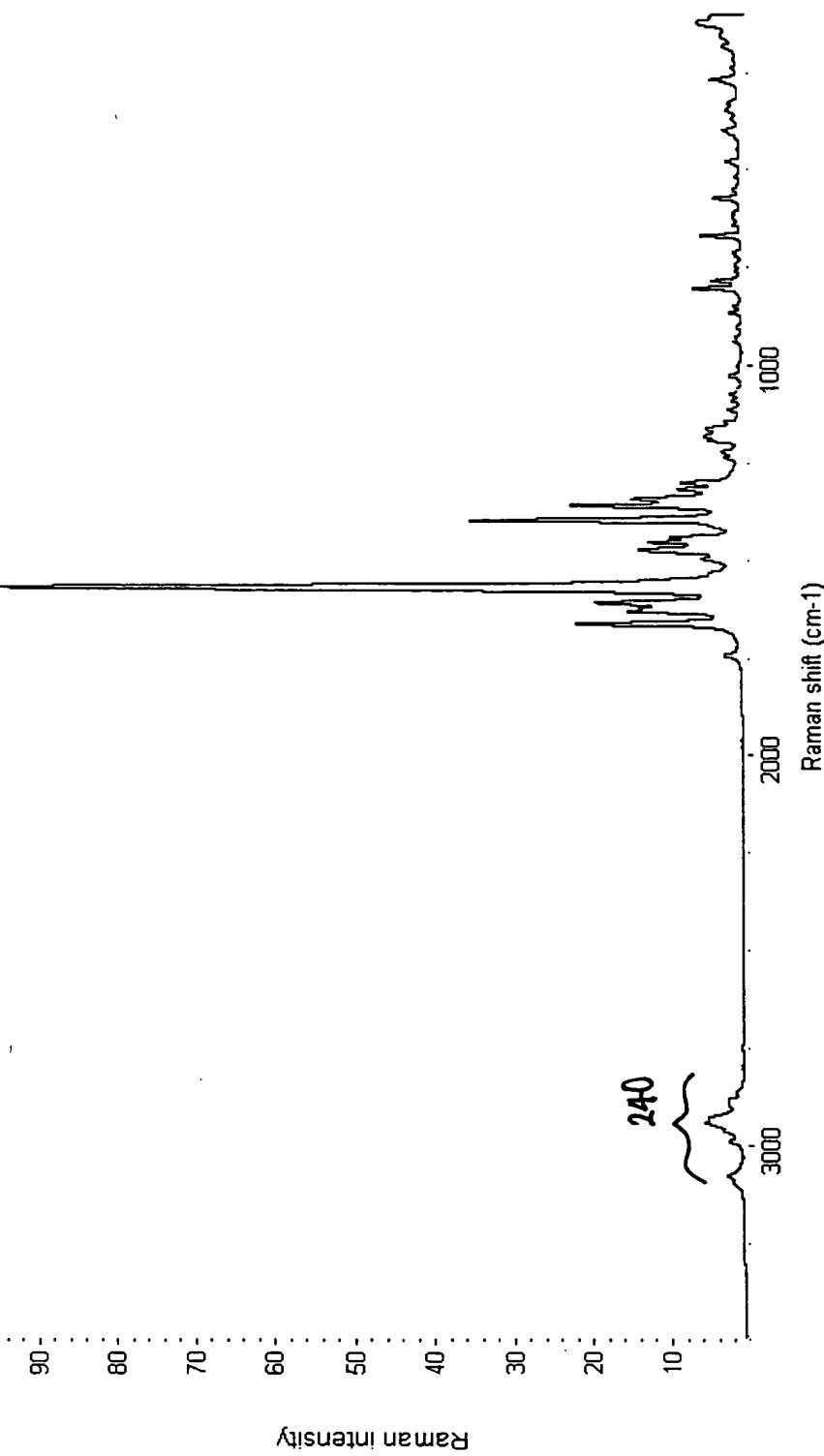


FIG. 24

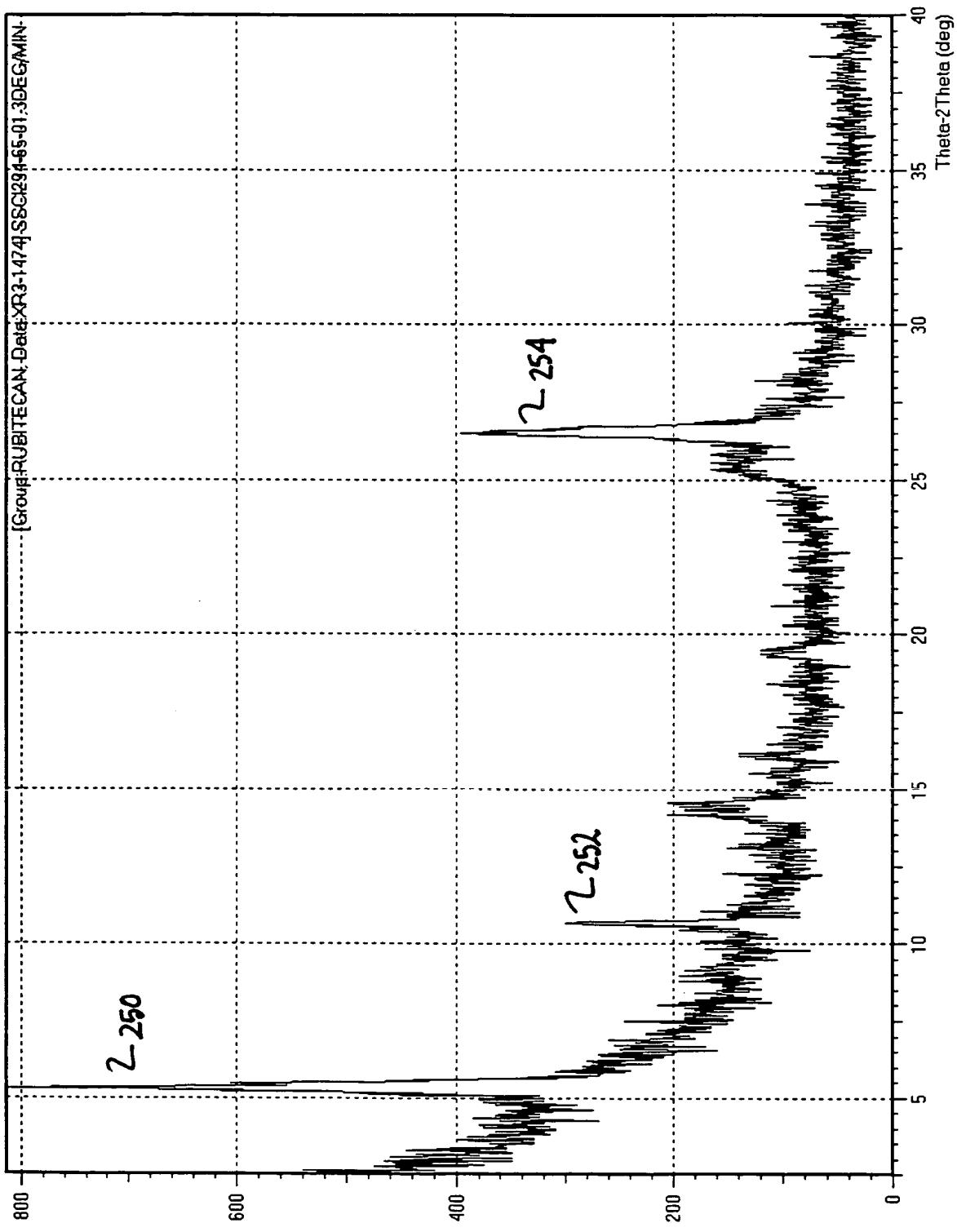


FIG. 25

DSC (bottom) and TGA (top) of Rubitecan Form G.

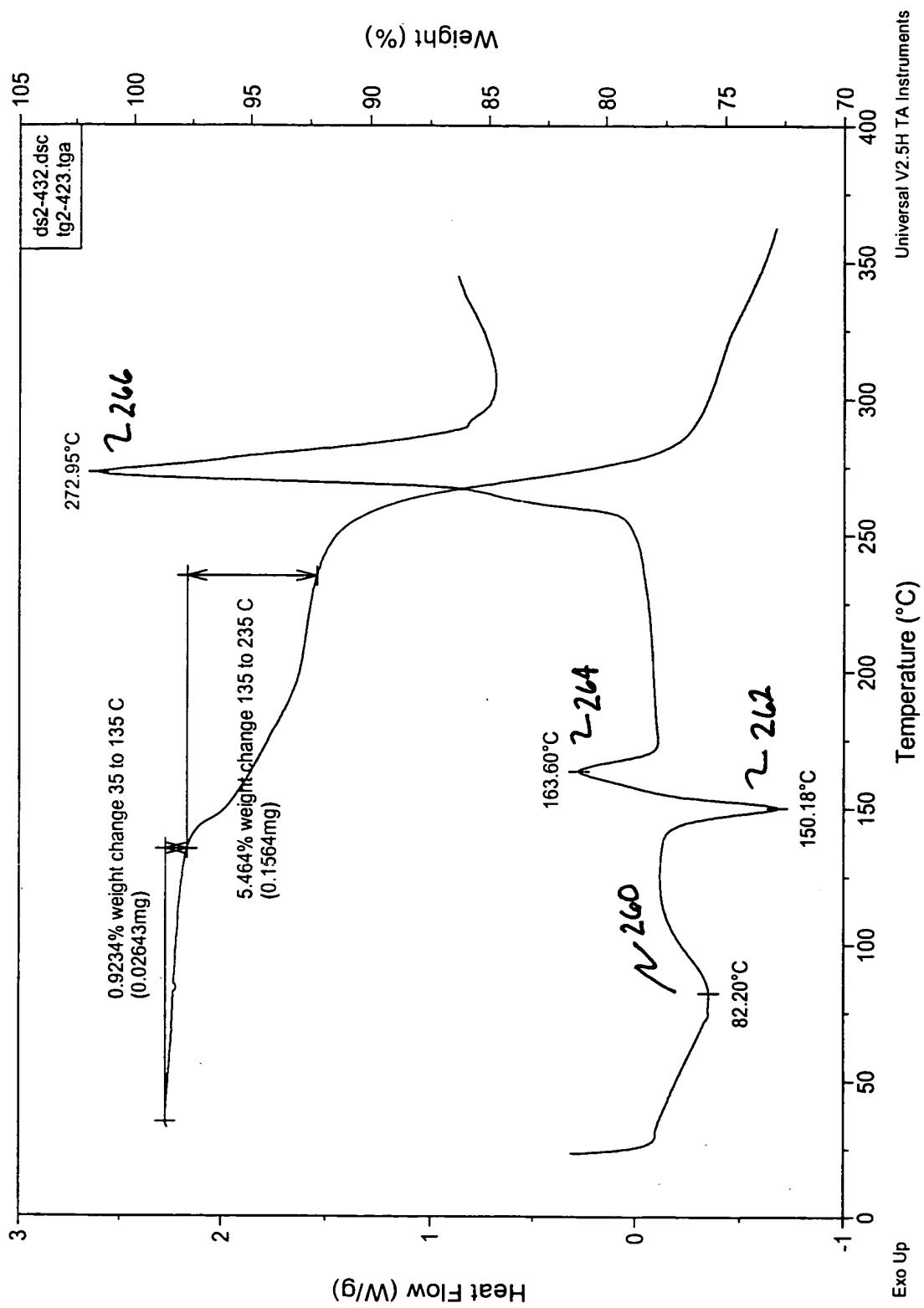


FIG. 26

IR Spectrum, Nicolet model 860 FT-IR

Acquisition Parameters

Collection time: Thu May 18 20:28:17 2000  
Number of sample scans: 128  
Number of background scans: 128  
Resolution: 2.000  
Sample gain: 8.0  
Mirror velocity: 0.6329  
Aperture: 69.00

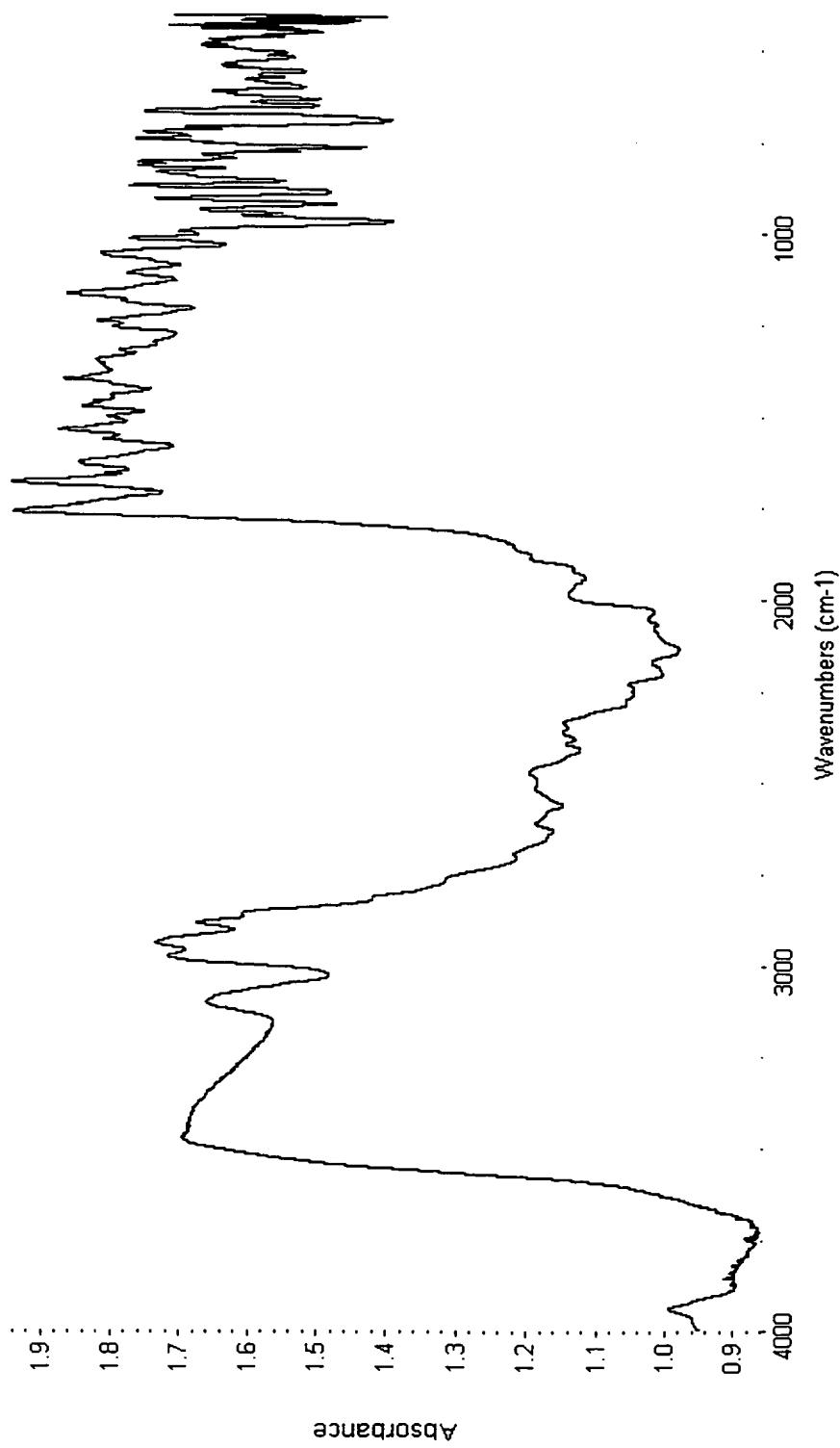


FIG. 27

Raman Spectrum, Nicolet m del 860 FT-Raman

Acquisition Parameters

Collection time: Thu May 18 21:09:50 2000  
Number of sample scans: 128  
Number of background scans: 0  
Resolution: 4.000  
Sample gain: 4.0  
Mirror velocity: 0.3165  
Aperture: 59.46

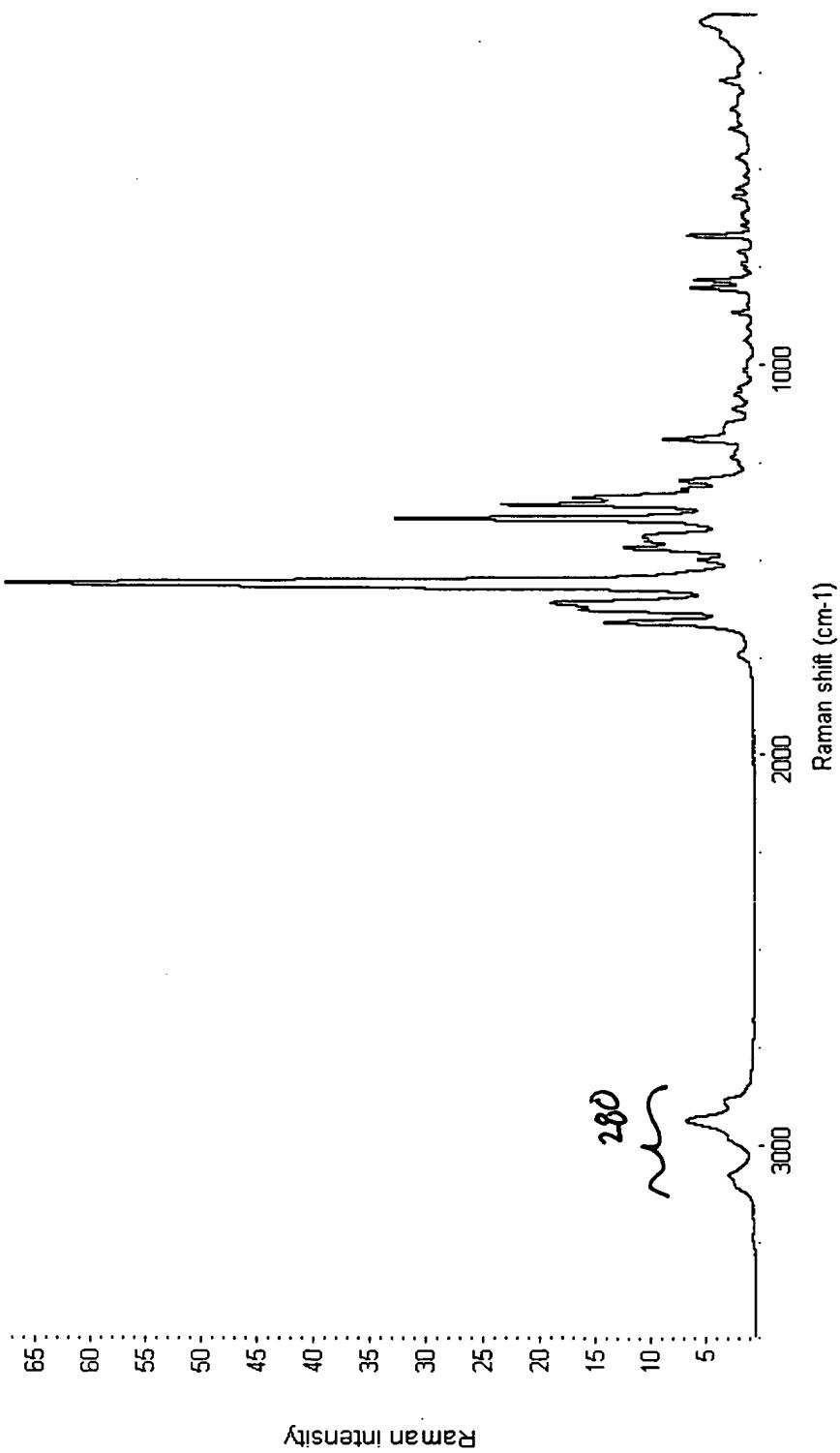


FIG. 28

## XRPD Patterns of Rubitecan Solid Forms Containing Amorphous Material.

\*\*\* Multi Plot \*\*\*

Intensity (Counts/sec)

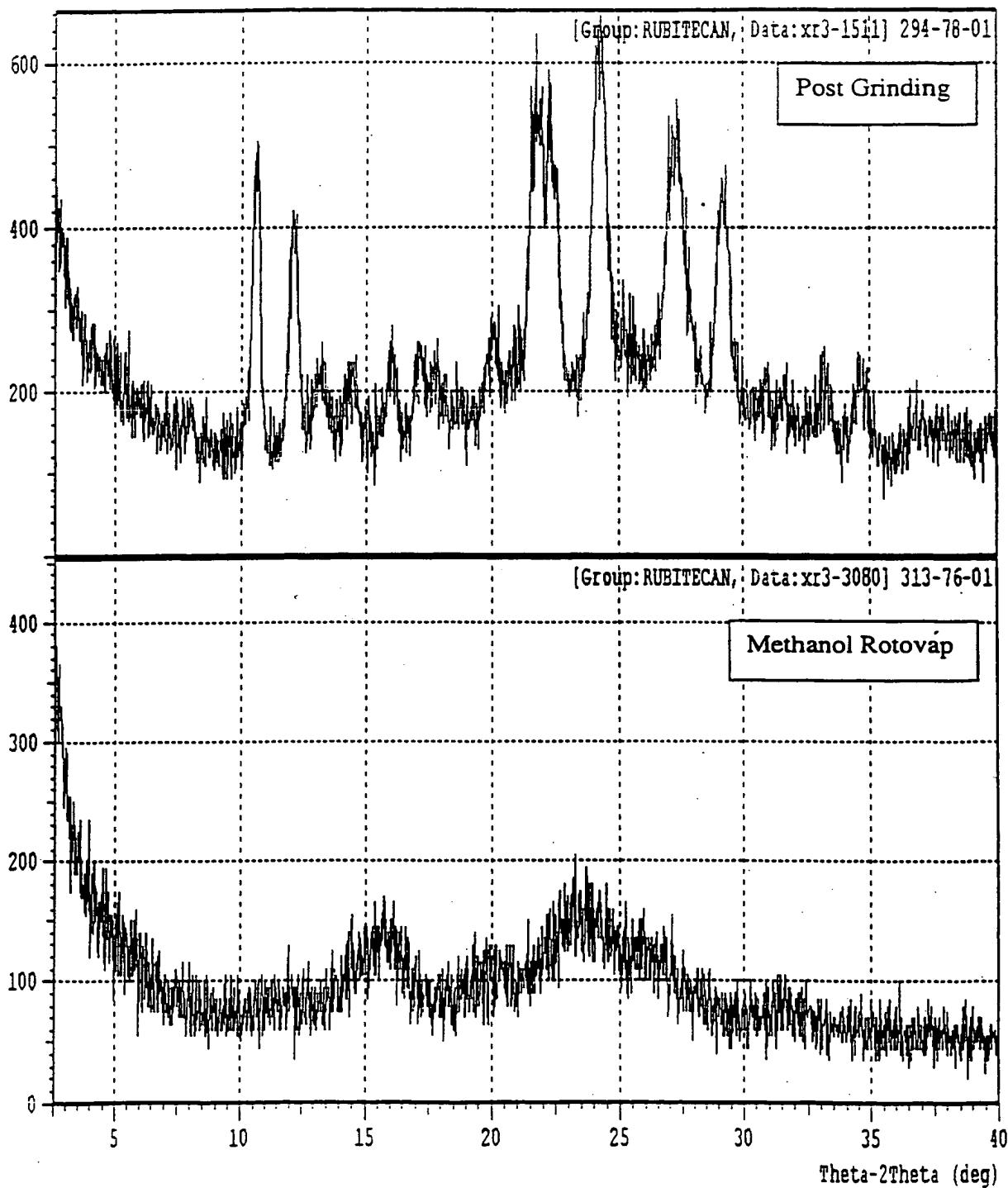


Fig. 29